

Title (en)
PARTLY PRE-ASSEMBLED CABLE JOINT

Title (de)
TEILWEISE VORMONTIERTE KABELVERBINDUNG

Title (fr)
RACCORD DE CÂBLE PARTIELLEMENT PRÉ-ASSEMBLÉ

Publication
EP 3614500 B1 20220803 (EN)

Application
EP 18189950 A 20180821

Priority
EP 18189950 A 20180821

Abstract (en)
[origin: EP3614500A1] This invention relates to a shield connection for a heatshrink joint of at least two power cable terminals. According to the present invention, a cable joint is provided for connecting at least two power cables, each power cable comprising at least one electrically conductive shielding layer. The cable joint has a cable joint body (107) comprising a first insulating sleeve (106), at least partly encompassed by a rejacketing sleeve (104), and at least one electrically conductive connector (162), configured to electrically connect the at least two cables. The rejacketing sleeve (104) forms a channel (108) along a longitudinal axis of the insulating sleeve (106), the channel (108) being configured to contain a conductive element (100), which is connectable to the electrically conductive shielding layers of the two cables, wherein the first insulating sleeve (106) comprises a heatshrink layer, and wherein the channel (108) is configured to be collapsed after shrinking the insulating sleeve (106) and the rejacketing sleeve (104).

IPC 8 full level
H01R 9/05 (2006.01); **H01R 4/72** (2006.01); **H02G 15/188** (2006.01)

CPC (source: EP US)
H01R 4/726 (2013.01 - EP US); **H01R 9/0518** (2013.01 - EP); **H01R 9/0524** (2013.01 - US); **H02G 15/1806** (2013.01 - EP US); **H02G 15/188** (2013.01 - EP US); **H01R 9/0524** (2013.01 - EP)

Cited by
EP3624288A1; WO2020053154A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3614500 A1 20200226; EP 3614500 B1 20220803; AU 2019323633 A1 20210415; AU 2019323633 B2 20221117; CN 112585822 A 20210330; CN 112585822 B 20230324; US 11476598 B2 20221018; US 2021175644 A1 20210610; WO 2020038841 A1 20200227

DOCDB simple family (application)
EP 18189950 A 20180821; AU 2019323633 A 20190816; CN 201980054605 A 20190816; EP 2019072023 W 20190816; US 202117177734 A 20210217